

ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES -- ZEP-EZ 0778 FLOOR CLEANER --  
7930-01-423-1130

===== Product Identification =====

Product ID:ZEP-EZ 0778 FLOOR CLEANER

MSDS Date:07/16/1990

FSC:7930

NIIN:01-423-1130

Status Code:A

MSDS Number: CLBYB

=== Responsible Party ===

Company Name:ZEP MFG CO DIV OF NATIONAL SERVICE INDUSTRIES

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State

:GA

ZIP:30301

Country:US

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:27674

=== Contractor Identification ===

Company Name:ZEP MANUFACTURING COMPANY

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State:GA

ZIP:30318

Country:US

Phone:877-428-9937

CAGE:27674

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM METASILICATE

CAS:6834-92-0

RTECS #:VV9275000

Fraction by Wt: 5-15%

OSHA PEL:2 MG/M3

Ingred Name:TETRASODIUM ET

HYLENEDIAMINETETRAACETATE

CAS:64-02-8

RTECS #:AH5075000

&lt; Wt:5.

Ingred Name:POTASSIUM DODECYLBENZENESULFONATE

CAS:27177-77-1

RTECS #:DB6820000

&lt; Wt:5.

Ingred Name:TRISODIUM ORTHOPHOSPHATE

CAS:7601-54-9

RTECS #:TC9490000

&lt; Wt:5.

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW6360000

&lt; Wt:5.

=====  
===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chr

onic:MSDS DATA PERTAINS TO PRODUCT AS

DISPERSED FROM CONTAINER. ADVERSE HEALTH EFFECTS WOULD NOT BE EXPECTED UNDER RECOMMENDED CONDITIONS OF USE (DILUTED) SO LONG AS PRESCRIBED SAFETY PRECAUTIONS ARE PRACTICED. ACUTE: PRODUCT IN CONCENTRATE FORM IS SEVERE EYE IRRITANT. EYE TISSUE DAMAGE/PERMANENT. SKIN: IRRITANT. ONE INGREDIENT IN PRODUCT HAS CAUSED SENSITIZATION IN SMALL % OF GENERAL POPULATION. CHRONIC: REPEATED/PROLONGED SKIN CONTACT MAY PRODUCE CHRONIC INFLAMMATION OR

DERMATITIS: REDNESS, SCALING, ITCHING. REPEATED EYE EXPOSURE MAY CAUSE CHRONIC IRRITATION. EYE/CORNEAL DAMAGE.

=====  
===== First Aid Measures =====

First Aid:SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. REMOVE CONTAMINATED CLOTHING IMMEDIATELY. CALL DR. EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFTING LIDS TO RINSE ENTIRE EYE. CALL DR IMMED. INHALATION: REMOVE TO FRESH AIR. CALL DR. INGESTION: DON'T INDUCE VOMITING. IF CONS

CIOUS, GIVE 1 OR 2 GLASSES OF WATER TO  
DRINK. CALL DR AT ONCE.

=====  
Fire Fighting Measures  
=====

Flash Point Method:TCC  
Flash Point:=56.7C, 134.F  
Extinguishing Media:CO2, DRY CHEMICAL, FOAM  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

=====  
Accidental Release Measures  
=====

Spill Release Procedures:OBSERVE SAFETY PRECAUTIONS DURING CLEAN UP.  
ABOSRB ON INERT ABSORBANT MATERIAL (E.G. ZEP-O-ZORB). PICK UP  
AND  
PLACE IN CLEAN DOT SPECIFICATION CONTAINER FOR DISPOSAL. WASH AREA  
THOROUGHLY W/ DETERGENT SOLUTION, THEN RINSE WELL W/ WATER.

=====  
Handling and Storage  
=====

Handling and Storage Precautions:STORE TIGHTLY CLOSED CONTAINER IN DRY  
AREA AT TEMPS BETWEEN 40 F AND 120 F. KEEP PRODUCT AWAY FROM  
SKIN/EYES. DO NOT BREATHE SPRAY MISTS/VAPORS. KEEP AWAY FOOD/FOOD  
PRODUCTS. STORE AWAY FROM STRONG AC IDS AND OZIDING COMPOUNDS. KEEP  
OUT OF  
REACH OF CHILDREN.

Other Precautions:IN MOST STATES, HAZARDOUS WASTES IN AMOUNTS 220 LBS  
OR LESS PER MONTH MAY BE DISPOSED IN CHEMICAL/INDUSTRIAL LANDFILL.  
IF COMPANY EFFLUENT IS ULTIMATELY TREATED BY PUBLIC OWNED TREATMENT  
WORKS, NEUTRA LIZATION OF SPENT TANK-SOLUTIONS W/ SUBSEQUENT  
DISCHARGE TO SEWERS MAY BE POSSIBLE. CONSULT DISPOSAL LAWS.

=====  
Exposure Controls/Personal Protection  
=====

Respiratory Protection:KEEP FACE AWAY FROM SPRAY MIST. DO NOT BREATH  
E  
VAPORS.

Ventilation:EQUAL TO OUTDOORS. USE EXHAUST FANS AND OPEN WINDOWS IN  
ENCLOSED SPACES.

Protective Gloves:WEAR NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:TIGHT FITTING SPLASH PROOF SAFETY GLASSES, ESP. WHEN  
CONTACT LENSES ARE WORN.

Supplemental Safety and Health

=====  
Physical/Chemical Properties  
=====

Boiling Pt:=101.7C, 215.F

Spec Gravity:1.08

pH:12.6-12.8

Evaporation Rate & Reference:1.0 WATER=1

Solubility in Water:COMPLETE

Appear

nce and Odor: CLEAR ORANGE LIQUID W/ CITRUS ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES  
STRONG ACIDS AND OXIDIZING AGENTS  
Hazardous Decomposition Products: CO, CO<sub>2</sub>, OXIDES OF SULFUR

===== Disposal Considerations =====

Waste Disposal Methods: LIQUIDS CANNOT BE SENT TO LANDFILLS UNLESS  
SOLIDIFIED. UNUSABLE PRODUCT IN SOME COLLECTED, SPENT USE-DILUTIONS  
MAY REQUIRE DISPOSAL AS HAZARDOUS  
WASTE @ PERMITTED  
TREATMENT/STORAGE/DISPOSAL FACILITY. TREATMENT, STORAGE,  
TRANSPORTATION, AND DISPOSAL MUST BE IN ACCORDANCE W/LOCAL, STATE &  
FEDERAL REGULATIONS. RCRA HAZ. WASTE NOS.: D001, D002

===== Regulatory Information =====

State Regulatory Information: EPA: TSCA CHEMICAL INVENTORY - ALL  
INGREDIENTS ARE  
LISTED.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.